

WHAT IS CLAIMED IS:

1. A gang saw box having a pair of gangs of circular saws for cutting a cant into boards where a feed conveyor passes a cant along a feed axis with the saws of each gang mounted on a shaft rotatably carried by the saw box in spaced apart relation and relative to the feed axis with the shafts of each gang extending parallel to one another, sensing means for detecting the thickness of the cant at a point upstream of the saw box, a level adjustment device for moving the saw box relative to the feed axis so that the cant will be passed to the pair of gangs at a selected position relative to the feed axis.
2. The invention as claimed in claim 1 wherein the feed axis extends in a direction and said shaft of each gang extends transverse to said direction.
3. The invention as claimed in claim 1 wherein each cant has a mid point extending longitudinally thereof and the level adjustment device includes control means for maintaining the mid point of each cant at a selected distance from the feed axis
4. The invention as claimed in claim 3 wherein the selected distance is with the feed axis passing through the mid point of the cant.
5. The invention as claimed in claim 1 wherein the saw box has a bottom portion including bearing members, said level adjustment device includes elements engaged in said bearing members, said elements having the same length and opposite ends with one end respectively engaged in a said bearing member and the opposite end pivotally attached to a base whereby movement of said base relative to said saw box will vary the position of said pair of gangs relative to the feed axis.
6. The invention as claimed in claim 5 wherein the movement of pair of gangs is along a vertical axis.
7. The invention as claimed in claim 5 wherein a plurality of said elements is provided with pairs of said opposite ends connected by a linking arm so that movement of said linking arm will effect movement of said elements

together.

8. The invention as claimed in claim 5 wherein said sawbox has opposite sides and two pairs of said elements are provided with one pair on one side of said sawbox and the other pair on the opposite side of said sawbox.
9. A method of operating a gang sawbox of for cutting cants into boards, where the sawbox is mounted for movement along a vertical axis and a conveyor feeds cants sequentially to the sawbox along a feed axis that extends substantially perpendicular to said vertical axis, comprising the steps of
 - a) detecting upstream of the sawbox the thickness of each cant and
 - b) adjusting the position of the sawbox relative to the feed axis so that the center line of each cant is substantially coextensive with said feed axis while the cutting operation is carried out.